

Serial Number 09/964,388

AMENDMENTS TO CLAIMS

1. (Canceled)

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2. (Canceled)

SEP 15 2003

3. (Canceled)

TECHNOLOGY CENTER 2800

4. (Currently Amended) A D.C. motor comprising:

a casing comprising a chamber and coil mounting extensions disposed around the chamber for enabling coils to be wound on the casing, the chamber having a support section in a bottom thereof, an IC control means being mounted on the casing, a stator coil assembly being wound and mounted on the coil mounting extensions of the casing and comprising even coils formed by means of continuously winding a single conducting wire in a manner that each of the coils has a winding direction opposite to that of one said coil adjacent thereto; and

a rotor comprising a shaft rotatably held in the support section of the casing, the rotor comprising a permanent magnet having north and south poles, the rotor being repulsed and thus driven to turn by magnetic fields created by the coils of the stator coil assembly on the casing.

5. (Previously Presented) A D.C. motor comprising:

a casing comprising a chamber and coil mounting extensions disposed around the chamber, the chamber having a support section in a bottom thereof, an IC control means being mounted on the casing, a stator coil assembly being wound and mounted on the coil mounting extensions of the casing and comprising even coils formed by means of continuously winding a single conducting wire in a manner that each of the coils has a winding direction opposite to that of one said coil adjacent thereto; and

a rotor comprising a shaft rotatably held in the support section of the casing, the rotor comprising a permanent magnet having north and south poles, the rotor being repulsed and thus driven to turn by magnetic fields created by the coils of the stator coil assembly on the casing,

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wherein the mounting extensions project outwardly from a wall defining the chamber for mounting the coils, respectively.